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CENTRAL INTELLIGENCE AGENCY

REPORT

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Zone Metal Industry

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1. The entire copper production at Freiberg is being turned into copper sulphate. The production of refined copper could still be greatly increased if raw materials were available. Plants for the refining of copper exist at Ilseburg and in the Hüttenwerk "Kayser." At Ilseburg activities are at present mainly restricted to the rolling of sheet iron and steel.
2. The lead works Muldenhütte and Halsbrücke are smelting 1500 tons of lead per month. Equipment at both plants is considerably out of date. Rail contact is also very bad at these plants and they are spread over such a large area that during the various smelting processes the ore cools badly. Lead is being mined at the Beihilfe shaft near Freiberg at the rate of 100 tons per month. The shaft was completely dismantled in 1945/46 but has now been re-equipped with a new plant which produces a concentrate of 70 percent purity.
3. The German-controlled production of re-smelted zinc from scrap metal amounts to 3,000 tons per annum for the entire Zone. No fine or rolled zinc is being produced at present.
4. Three shafts at Freiberg are the main sources of tin for the Zone. They are the Altonberg shaft, producing ores of 30 - 40 percent tin content; the Ehrenfriederode shaft, producing ores of 20 - 30 percent tin content; and the Sadisdorf shaft, producing ores of 40 - 50 percent tin content. Tin ores mined at Freiberg with high bismuth contents are processed by electrolysis. The plant works with 16 electrically heated sulphide of sodium baths. This process takes three weeks and produces a fine tin of 99.6 - 99.8 percent purity. The capacity is ten tons per month. At present eight tons per month are being produced.
5. An antimony plant with capacity of 20 tons per month has been set up at Schleiz and is now in operation. The only aluminum plant in the Zone is located at Bitterfeld. It produces 400 tons per month. Attempts are now being made at Bitterfeld to utilize the clay deposits at Brandis near Leipzig by processing with sulphuric acid and chlorine. The corrosion-proof equipment required for this purpose will be produced with the aid of rhenium from the Hettstedt plant once production there is under way.

* Comment: This apparently is the Hüttenwerk Kayser AG, Berlin-Niederschöneweide, Fliesstr. 9-11.

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